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Technologies for assessing animal welfare

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Precision Livestock Farming (PLF) is core to satisfying the ever increasing world-wide demand for dairy products of good quality and societal concerns over animal welfare and health. The features of a technology platform with the capability to identify the early onset of illness in dairy cattle are presented. The integration of multiple sensors into what is effectively an operational decision support platform results in a greater benefit than that derived from the individual sensors alone, in this case the neck-mounted collar. For example, each additional sensing modality will enhance the understanding of the practices across the farming environment and render any decision support service more robust in its diagnostic capacity.

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